



## **eHeroes and Swift: EC-Funded FP7 networks for modelling and observation of space weather events**

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We report on two EC-FP7 funded projects: Swift and eHeroes.

Swift ([swift.eu](http://swift.eu)) is a modelling effort that aims at producing an integrated space weather modelling and forecasting network. We are unifying into a single approach fluid and kinetic models to track space weather events from their solar origin to their impact on the Earth environment,

eHeroes ([eheroes.eu](http://eheroes.eu)) is a observational and modelling effort that collects and processes data to produce new data services and new models to track and predict space weather. eHeroes focuses on the impact of space weather on space exploration including the effects on spacecraft, on the exploration of the Moon and Mars.

We will report on the results obtained in these projects highlighting their relevance to space weather and its impact on the Earth and on space exploration.

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